

<b>Project Title:</b>	Molecular Epidemiology in Children's Environmental Health Training Program (MECEH)
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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
A combination of dexamethasone and anti-IL-17A treatment can alleviate diesel exhaust particle-induc ...	Brandt, Eric B; Khurana Hershey, Gurjit K	J Allergy Clin Immunol (2016 Sep)	138 / 924-928.e2	PubMed Citation
A comparison of proximity and land use regression traffic exposure models and wheezing in infants.	Ryan, Patrick H; Lemasters, Grace K; Biswas, Pratim; Levin, Linda; Hu, Shaohua; Lindsey, Mark; Bernstein, David I; Lockey, James; Villareal, Manuel; Khurana Hershey, Gurjit K; Grinshpun, Sergey A	Environ Health Perspect (2007 Feb)	115 / 278-84	PubMed Citation
A land-use regression model for estimating microenvironmental diesel exposure given multiple address ...	Ryan, Patrick H; Lemasters, Grace K; Levin, Linda; Burkle, Jeff; Biswas, Pratim; Hu, Shaohua; Grinshpun, Sergey; Reponen, Tiina	Sci Total Environ (2008 Oct 1)	404 / 139-47	PubMed Citation
A review of land-use regression models for characterizing intraurban air pollution exposure.	Ryan, Patrick H; LeMasters, Grace K	Inhal Toxicol (2007)	19 Suppl 1 / 127-33	PubMed Citation
Activation of guanylate cyclase C signaling pathway protects intestinal epithelial cells from acute ...	Garin-Laflam, M P; Steinbrecher, K A; Rudolph, J A; Mao, J; Cohen, M B	Am J Physiol Gastrointest Liver Physiol (2009 Apr)	296 / G740-9	PubMed Citation
Adolescent sex differences in adiponectin are conditional on pubertal development and adiposity.	Woo, Jessica G; Dolan, Lawrence M; Daniels, Stephen R; Goodman, Elizabeth; Martin, Lisa J	Obes Res (2005 Dec)	13 / 2095-101	PubMed Citation

Aeroallergen sensitization in healthy children: racial and socioeconomic correlates.	Stevenson, Michelle D; Sellins, Stacey; Grube, Emilie; Schroer, Kathy; Gupta, Jayanta; Wang, Ning; Khurana Hershey, Gurjit K	J Pediatr (2007 Aug)	151 / 187-91	PubMed Cita
alpha-Melanocortin and endothelin-1 activate antiapoptotic pathways and reduce DNA damage in human m ...	Kadekaro, Ana Luisa; Kavanagh, Renny; Kanto, Hiromi; Terzieva, Silva; Hauser, Jennifer; Kobayashi, Nobuhiko; Schwemberger, Sandy; Cornelius, James; Babcock, George; Shertzer, Howard G; Scott, Glynis; Abdel-Malek, Zalfa A	Cancer Res (2005 May 15)	65 / 4292-9	PubMed Cita
Anomalous origin of the right coronary artery from the left ventricle.	Ippisch, Holly M; Kimball, Thomas R	J Am Soc Echocardiogr (2010 Feb)	23 / 222.e1-2	PubMed Cita
Asking the right questions to ascertain early childhood secondhand smoke exposures.	Biagini Myers, Jocelyn M; Khurana Hershey, Gurjit K; Deka, Ranjan; Burkle, Jeffrey W; Levin, Linda S; Bernstein, David I; Villareal, Manuel; Lockey, James E; Reponen, Tiina; Gareri, Joey; Lubetsky, Angelika; Koren, Gideon; Lemasters, Grace K	J Pediatr (2012 Jun)	160 / 1050-1	PubMed Cita
Association of ApoE genetic variants with obstructive sleep apnea in children.	Kalra, Maninder; Pal, Prodipto; Kaushal, Ritesh; Amin, Raouf S; Dolan, Lawrence M; Fitz, Kelly; Kumar, Sunil; Sheng, Xiaohua; Guha, Saurav; Mallik, Joydeep; Deka, Ranjan; Chakraborty, Ranajit	Sleep Med (2008 Mar)	9 / 260-5	PubMed Cita
Association of Streptomyces community composition determined by PCR-denaturing gradient gel electrop ...	Johansson, Elisabet; Reponen, Tiina; Meller, Jarek; Vesper, Stephen; Yadav, Jagjit	Environ Monit Assess (2014 Dec)	186 / 8773-83	PubMed Cita
Associations between multiple environmental exposures and Glutathione S-Transferase P1 on persistent ...	Schroer, Kathy T; Biagini Myers, Jocelyn M; Ryan, Patrick H; LeMasters, Grace K; Bernstein, David I; Villareal, Manuel;	J Pediatr (2009 Mar)	154 / 401-8, 408.e1	PubMed Cita

	Lockey, James E; Reponen, Tiina; Grinshpun, Sergey; Khurana Hershey, Gurjit K			
Associations between PBDEs in office air, dust, and surface wipes.	Watkins, Deborah J; McClean, Michael D; Fraser, Alicia J; Weinberg, Janice; Stapleton, Heather M; Webster, Thomas F	Environ Int (2013 Sep)	59 / 124-32	PubMed Cita
Bilateral cataracts in a 6-yr-old with new onset diabetes: a novel presentation of a known INS gene ...	Wasserman, Halley; Hufnagel, Robert B; Miraldi Utz, Virginia; Zhang, Kejian; Valencia, C Alexander; Leslie, Nancy D; Crimmins, Nancy A	Pediatr Diabetes (2015 Nov 4)	/	PubMed Cita
Biomarkers of obesity and subsequent cardiovascular events.	Musaad, Salma; Haynes, Erin N	Epidemiol Rev (2007)	29 / 98-114	PubMed Cita
Breast-feeding, aeroallergen sensitization, and environmental exposures during infancy are determina ...	Codispoti, Christopher D; Levin, Linda; LeMasters, Grace K; Ryan, Patrick; Reponen, Tiina; Villareal, Manuel; Burkle, Jeff; Stanforth, Sherry; Lockey, James E; Khurana Hershey, Gurjit K; Bernstein, David I	J Allergy Clin Immunol (2010 May)	125 / 1054-1060.e1	PubMed Cita
Center Variation in Intestinal Microbiota Prior to Late-Onset Sepsis in Preterm Infants.	Taft, Diana H; Ambalavanan, Namasivayam; Schibler, Kurt R; Yu, Zhioteng; Newburg, David S; Deshmukh, Hitesh; Ward, Doyle V; Morrow, Ardythe L	PLoS One (2015)	10 / e0130604	PubMed Cita
Changes in peroxisome proliferator-activated receptor-gamma activity in children with septic shock.	Kaplan, Jennifer M; Denenberg, Alvin; Monaco, Marie; Nowell, Marchele; Wong, Hector; Zingarelli, Basilia	Intensive Care Med (2010 Jan)	36 / 123-30	PubMed Cita
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Childhood exposure to manganese and postural instability in children living near a ferromanganese re ...	Rugless, Fedoria; Bhattacharya, Amit; Succop, Paul; Dietrich, Kim N; Cox, Cyndy; Alden, Jody; Kuhnell, Pierce; Barnas, Mary; Wright, Robert; Parsons, Patrick J; Praamsma, Meredith L; Palmer, Christopher D; Beidler, Caroline; Wittberg, Richard; Haynes, Erin N	Neurotoxicol Teratol (2014 Jan-Feb)	41 / 71-9	PubMed Cita
Common variants in FTO are not significantly associated with obesity-related phenotypes among Samoan ...	Karns, Rebekah; Viali, Satupaitea; Tuitele, John; Sun, Guangyun; Cheng, Hong; Weeks, Daniel E; McGarvey, Stephen T; Deka, Ranjan	Ann Hum Genet (2012 Jan)	76 / 17-24	PubMed Cita
Comparison of anthropometric measures of obesity in childhood allergic asthma: central obesity is mo ...	Musaad, Salma M A; Patterson, Tia; Erickson, Mark; Lindsey, Mark; Dietrich, Kim; Succop, Paul; Khurana Hershey, Gurjit K	J Allergy Clin Immunol (2009 Jun)	123 / 1321-7.e12	PubMed Cita
Developing a bidirectional academic-community partnership with an Appalachian-American community for ...	Haynes, Erin N; Beidler, Caroline; Wittberg, Richard; Meloncon, Lisa; Parin, Megan; Kopras, Elizabeth J; Succop, Paul; Dietrich, Kim N	Environ Health Perspect (2011 Oct)	119 / 1364-72	PubMed Cita
Diesel exhaust particle exposure increases severity of allergic asthma in young mice.	Acciani, T H; Brandt, E B; Khurana Hershey, G K; Le Cras, T D	Clin Exp Allergy (2013 Dec)	43 / 1406-18	PubMed Cita
Diesel exhaust particle induction of IL-17A contributes to severe asthma.	Brandt, Eric B; Kovacic, Melinda Butsch; Lee, Gerald B; Gibson, Aaron M; Acciani, Thomas H; Le Cras, Timothy D; Ryan, Patrick H; Budelsky, Alison L; Khurana Hershey, Gurjit K	J Allergy Clin Immunol (2013 Nov)	132 / 1194-1204.e2	PubMed Cita
Diesel exhaust particles induce cysteine oxidation and s-glutathionylation in house dust mite induce ...	Lee, Gerald B; Brandt, Eric B; Xiao, Chang; Gibson, Aaron M; Le Cras, Timothy D; Brown, Lou Ann S; Fitzpatrick, Anne M; Khurana Hershey, Gurjit K	PLoS One (2013)	8 / e60632	PubMed Cita

Dietary patterns in adults from an Adriatic Island of Croatia and their associations with metabolic ...	Sahay, Rashmi D; Couch, Sarah C; Missoni, Sasa; Sujoldžić, Anita; Novokmet, Natalija; Duraković, Zijad; Rao, Marepalli B; Milanović, Sanja Musić; Vučetić, Silvije; Deka, Ranjan; Rudan, Pavao	Coll Antropol (2013 Jun)	37 / 335-42	PubMed Cita
Differential effects of rapamycin and dexamethasone in mouse models of established allergic asthma.	Mushaben, Elizabeth M; PLoS One Brandt, Eric B; Hershey, (2013) Gurjit K Khurana; Le Cras, Timothy D	8 / e54426		PubMed Cita
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Dustborne and airborne Gram-positive and Gram-negative bacteria in high versus low ERMI homes.	Adhikari, Atin; Kettleson, Eric M; Vesper, Stephen; Kumar, Sudhir; Popham, David L; Schaffer, Christopher; Indugula, Reshma; Chatterjee, Kanistha; Allam, Karteek K; Grinshpun, Sergey A; Reponen, Tiina	Sci Total Environ (2014 Jun 1)	482-483 / 92-9	PubMed Cita
Early empiric antibiotic use in preterm infants is associated with lower bacterial diversity and hig ...	Greenwood, Corryn; Morrow, Ardythe L; Lagomarcino, Anne J; Altaye, Mekibib; Taft, Diana H; Yu, Zhuoteng; Newburg, David S; Ward, Doyle V; Schibler, Kurt R	J Pediatr (2014 Jul)	165 / 23-9	PubMed Cita
Early-life mold and tree sensitivity is associated with allergic eosinophilic rhinitis at 4 years of ...	Codispoti, Christopher D; Bernstein, David I; Levin, Linda; Reponen, Tiina; Ryan, Patrick H; Biagini Myers, Jocelyn M; Villareal, Manuel; Burkle, Jeff; Lummus, Zana; Lockey, James E; Khurana Hershey, Gurjit K; LeMasters, Grace K	Ann Allergy Asthma Immunol (2015 Mar)	114 / 193-198.e4	PubMed Cita
Effect of chronic low level manganese exposure on postural balance: a pilot study of residents in so ...	Standridge, J Shawn; Bhattacharya, Amit; Succop, Paul; Cox, Cyndy; Haynes, Erin	J Occup Environ Med (2008 Dec)	50 / 1421-9	PubMed Cita

EGFR signaling blunts allergen-induced IL-6 production and Th17 responses in the skin and attenuates ...	Zhang, Zhonghua; Xiao, Chang; Gibson, Aaron M; Bass, Stacey A; Khurana Hershey, Gurjit K	J Immunol (2014 192 / 859-66)	PubMed Citation
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Environmental risk factors of rhinitis in early infancy.	Biagini, Jocelyn M; LeMasters, Grace K; Ryan, Patrick H; Levin, Linda; Reponen, Tiina; Bernstein, David I; Villareal, Manuel; Khurana Hershey, Gurjit K; Burkle, Jeffrey; Lockey, James	Pediatr Allergy Immunol (2006 17 / 278-84)	PubMed Citation
Environmental tobacco smoke and interleukin 4 polymorphism (C-589T) gene: environment interaction in ...	Smith, Andrew M; Bernstein, David I; LeMasters, Grace K; Huey, Nanette L; Erickson, Mark; Villareal, Manuel; Lockey, James; Khurana Hershey, Gurjit K	J Pediatr (2008 May) 152 / 709-15, 715.e1	PubMed Citation
Epidemiologic Association Between FUT2 Secretor Status and Severe Rotavirus Gastroenteritis in Children ...	Payne, Daniel C; Currier, Rebecca L; Staat, Mary A; Sahni, Leila C; Selvarangan, Rangaraj; Halasa, Natasha B; Englund, Janet A; Weinberg, Geoffrey A; Boom, Julie A; Szilagyi, Peter G; Klein, Eileen J; Chappell, James; Harrison, Christopher J; Davidson, Barbara S; Mijatovic-Rustempasic, Slavica; Moffatt, Mary D; McNeal, Monica; Wikswo, Mary; Bowen, Michael D; Morrow, Ardythe L; Parashar, Umesh D	JAMA Pediatr (2015 Nov) 169 / 1040-5	PubMed Citation
Exacerbation of allergen-induced eczema in TLR4- and TRIF-deficient mice.	Brandt, Eric B; Gibson, Aaron M; Bass, Stacey A; Rydzynski, Carolyn; Khurana Hershey, Gurjit K	J Immunol (2013 191 / 3519-25)	PubMed Citation

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Factors associated with protective antibody levels to vaccine preventable diseases in internationall ...	Stadler, Laura Patricia; Donauer, Stephanie; Rice, Marilyn; Trehan, Indi; Salisbury, Shelia; Staat, Mary Allen	Vaccine (2010 Dec 10)	29 / 95-103	PubMed Cita
Finding missing heritability in less significant Loci and allelic heterogeneity: genetic variation i ...	Zhang, Ge; Karns, Rebekah; Sun, Guangyun; Indugula, Subba Rao; Cheng, Hong; Havas-Augustin, Dubravka; Novokmet, Natalija; Durakovic, Zijad; Missoni, Sasa; Chakraborty, Ranajit; Rudan, Pavao; Deka, Ranjan	PLoS One (2012)	7 / e51211	PubMed Cita

Fish and Shellfish Intake and Diabetes in a Costal Population of the Adriatic.	Sahay, Rashmi D; Ollberding, Nicholas J; Missoni, Saša; Novokmet, Natalija; Sarac, Jelena; Sarić, Tena; Rao, Marepalli B; Rudan, Pavao; Deka, Ranjan	Coll Antropol (2015 Jun)	39 / 401-9	PubMed Cita
Forkhead box protein 3 (FOXP3) hypermethylation is associated with diesel exhaust exposure and risk ...	Brunst, Kelly J; Leung, Yuet-Kin; Ryan, Patrick H; Khurana Hershey, Gurjit K; Levin, Linda; Ji, Hong; Lemasters, Grace K; Ho, Shuk-Mei	J Allergy Clin Immunol (2013 Feb)	131 / 592-4.e1-3	PubMed Cita
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Interactions between noncontiguous haplotypes in the adiponectin gene ACDC are associated with plasm ...	Woo, Jessica G; Dolan, Lawrence M; Deka, Ranjan; Kaushal, Ritesh D; Shen, Yayun; Pal, Prodipto; Daniels, Stephen R; Martin, Lisa J	Diabetes (2006 Feb)	55 / 523-9	PubMed Cita
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Is it traffic type, volume, or distance? Wheezing in infants living near truck and bus traffic.	Ryan, Patrick H; LeMasters, Grace; Biagini, Jocelyn; Bernstein, David; Grinshpun, Sergey A; Shukla, Rakesh; Wilson, Kimberly; Villareal, Manuel; Burkle, Jeff; Lockey, James	J Allergy Clin Immunol (2005 Aug)	116 / 279-84	PubMed Cita
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Modeling metabolic syndrome through structural equations of metabolic traits, comorbid diseases, and ...	Karns, Rebekah; Succop, Paul; Zhang, Ge; Sun, Guangyun; Indugula, Subba R; Havas-Augustin, Dubravka; Novokmet, Natalija; Durakovic, Zijad; Milanovic, Sanja Music; Missoni, Sasa; Vuletic, Silvije; Chakraborty, Ranajit; Rudan, Pavao; Deka, Ranjan	Obesity (Silver Spring) (2013 Dec)	PubMed Cita
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Peroxisome proliferator-activated receptor gamma is required for the inhibitory effect of ciglitazone ...	Kaplan, Jennifer; Cook, James A; O'Connor, Michael; Zingarelli, Basilia	Shock (2007 Dec)	28 / 722-726	PubMed Cita
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Postural stability in children with autism spectrum disorder.	Molloy, Cynthia A; Dietrich, Kim N; Bhattacharya, Amit	J Autism Dev Disord (2003 Dec)	33 / 643-52	PubMed Cita
Predicting allergic disease at age four using an atopy predisposition score at age two: the applicat ...	Sucharew, Heidi; Khoury, Jane C; Rao, Marepalli; Succop, Paul; Bernstein, David; Ryan, Patrick H; LeMasters, Grace	Pediatr Allergy Immunol (2012 Mar)	23 / 195-201	PubMed Cita
Prenatal and postnatal polybrominated diphenyl ether exposure and visual spatial abilities in childr ...	Vuong, Ann M; Braun, Joseph M; Yolton, Kimberly; Xie, Changchun; Webster, Glenys M; Sjödin, Andreas; Dietrich, Kim N; Lanphear, Bruce P; Chen, Aimin	Environ Res ()	153 / 83-92	PubMed Cita
Prevalence and outcome of allergic colitis in healthy infants with rectal bleeding: a prospective co ...	Xanthakos, Stavra A; Schwimmer, Jeffrey B; Melin-Aldana, Hector; Rothenberg, Marc E; Witte, David P; Cohen, Mitchell B	J Pediatr Gastroenterol Nutr (2005 Jul)	41 / 16-22	PubMed Cita
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